

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 OF 3 PAGES	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 10 SEP 98		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY Department of the Army Corps of Engineers Fort Worth District		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(✓)		9A. AMENDMENT OF SOLICITATION NO. DACA63-98-B-0074	
				×		9B. DATED (SEE ITEM 11) 24 AUGUST 1998	
						10A. MODIFICATION OF CONTRACTS/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE				FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The Solicitation for RENOVATION TO 8 SCHOOLS AT FORT BRAGG, FORT BRAGG, NORTH CAROLINA, is amended as follows:

See Continuation Sheets.

NOTE: Bid Opening Date is "23 September 1998, 2 p.m., local time," as previously announced.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
_____ (Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)	

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105-02

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

USAPPC V1.00

A. CHANGES TO SPECIFICATIONS:

1. Modify Section 01000, as follows:

In Paragraph 1.1, SCHEDULE, change completion of work (calendar days) to 300*

* Subject to work restrictions in Section 02050, Demolition.

Change Paragraph 1.1.2, Work Restrictions, to read "Refer to Section 02050, Demolition."

2. The following listed section shall be voided and the accompanying new section of the same title and number, bearing the notation "(AM# 1)," shall be substituted therefor:

<u>Section No.</u>	<u>Title</u>
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01500	TEMPORARY CONSTRUCTION FACILITIES
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3. The following listed accompanying new sections, each bearing the notation "(AM# 1)" shall be added to the specifications and add each to the Table of Contents:

<u>Section No.</u>	<u>Title</u>
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01010	CONTRACT CONSIDERATIONS
01580	BULLETIN BOARD AND PROJECT SIGN
02050	DEMOLITION

4. SECTION 01580 BULLETIN BOARD AND PROJECT SIGN.- On the Project Sign, change the reference from "FORT WORTH DISTRICT" to read "SAVANNAH DISTRICT".

5. Refer to the specifications Section 15950 Heating, Ventilating and Air Conditioning (HVAC) Control Systems. Add the following paragraph 2.2.5.

2.2.5 Time Programs

All electronic devices and controls components shall not be inhibited in the year 2000 or beyond. The controls manufacturers shall provide certification that the system has been designed to operate during this time period.

B. CHANGES TO DRAWINGS:

1. On Sheet ME4.1: Refer to the lan server room located just off Media Center 32. Panel should be labeled as new panel "M", in lieu of existing panel "O".
2. On Sheets ME1.5, ME2.2, ME3.3, ME4.1, ME5.1, ME6.1, ME7.3, ME8.2, add Note L as follows: "Long runs of refrigerant piping may require additional accommodations for HVAC equipment, contractor must review manufacturer recommendations and comply as required."
3. On Sheets ME1.5, ME2.2, ME3.3, ME4.1, ME5.1, ME6.1, ME7.3, ME8.2, add Note M as follows: "The minimum slope required for the condensate drain lines is ¼" per 12"."
4. On Sheets ME1.7, ME2.4, ME3.5, ME4.3, ME5.6, ME6.4, ME7.4, ME 8.4, refer to the Temperature Control Schematic detail. The word 'condensor' shall be replaced with the word 'condenser'. The word 'aif' shall be replaced with the word 'air'. In general, a 'T' inside a circle represents a

- thermostat. An 'H' inside a circle represents a humidistat. The letters 'HOA' represent Hand-Off-Auto.
5. On sheets ME1.1, ME2.1, ME3.1, ME4.1, ME5.1, ME6.1, ME7.1, and ME8.1, add "CEILING GENERAL NOTES" as follows:
 - A. The existing ceiling is acoustical lay-in type. Remove and re-install ceiling panels and grid as necessary to accommodate the installation of new electrical and mechanical equipment.
 - B. Upon completion of the project, all ceilings shall be restored to their original condition. Replace any tiles damaged or soiled during construction. Clean grid of smudges and fingerprints. Replace bent grid members damaged during construction.
 - C. Replace and re-install any light fixtures, HVAC grilles, or other devices damaged during construction. Re-install any light fixtures, HVAC grilles, or other devices disturbed during construction.
 6. On sheets ME1.1 thru ME1.6 the word 'ELECTIRCAL' in the title block shall be replaced with the word "ELECTRICAL".
 7. On sheet ME3.1 delete any reference to note '1'.
 8. On sheet ME3.3 delete any reference to note '1'.
 9. On sheet ME5.1 Mechanical/Electrical Keyed Note '2' delete the statement 'Refer to zone C for panel location'.
 10. On sheet ME5.1 Mechanical/Electrical Keyed Note '3' delete the statement 'Refer to zone C for panel location'.
 11. On sheet ME5.3 Change Panel "F" to Panel "HMC".
 12. On sheet ME8.2 the title 'Power Plan Keyed Notes' shall be replaced with the 'Mechanical/Electrical Plan Keyed Notes'.
 13. On sheet ME8.2 note '7' applies to the circuits from the mechanical units 'OU-1' and 'AHU-1'.
 14. On sheets N1.1 thru N1.6, N2.1 thru M2.3, N3.1 thru N3.4, N4.1 thru N4.2, N5.1 thru N5.4, N6.1 thru N6.3, N7.1 thru N7.3, and N8.1 thru N8.3, the network server is located at the origination point of the Copper Distribution Cable and Fiber Optic Cable (refer to 'Network Legend' for identification of the Copper and Fiber Optic cabling).

SECTION 01010[AM#1]CONTRACT CONSIDERATIONS

PART 1 GENERAL

1.1 CONTRACTOR ACCESS AND USE OF THE PREMISES

1.1.1 Commencement of Work

The Contractor should duly note that commencement of work as indicated in section 01000 CONSTRUCTION SCHEDULE does not necessarily indicate that the facility will be available for normal construction operations. Reference the remainder of these specifications for phasing, additional contract time, and availability of work criteria.

1.1.2 Station and Activity Regulations

Ensure that Contractor personnel employed on the Station become familiar with and obey Station and Activity regulations. Keep within the limits of the work areas and avenues of ingress and egress. Do not enter restricted areas unless required to do so and until cleared for such entry. The Contractor's equipment shall be clearly marked for identification.

1.1.3 Working Hours

1.1.3.1 Access Allowed

In facilities where Contractor will be permitted access to selected area inside the occupied facility, regular working hours shall consist of an 8.5 hour period between 7:30 and 4:00 pm, Monday through Friday, excluding Government holidays unless otherwise specified herein.

1.1.3.2 No Access Allowed

In facilities where Contractor will not be allowed access inside the occupied facility, regular working hours shall consist of an 8.0 hour period between 3:00 and 11:00 pm, Monday through Friday, excluding Government holidays unless otherwise specified herein.

1.1.4 Work Outside Regular Hours

Work performed during hours outside of regular hours is subject to Contracting Officer approval. Contractor shall make application 7 calendar days prior to such work to facilitate arrangements to be made by the Government for inspecting work in progress. Application shall give the specific dates, hours, locations, type of work to be performed, contract number and project title.

1.1.5 Utility Cutovers

Contractor shall make effort to exact any required utility cutovers outside of regular working hours to minimize any impact in occupied facilities.

1.2 SPECIAL REQUIREMENTS FOR OCCUPIED BUILDINGS

The work under this contract requires special attention to the scheduling and conduct of the work in connection with existing building operations.

1.2.1 Interruptions

Contractor shall identify on the construction schedule any activity or factor with potential to create interruption to the normal operation of the building.

1.2.2 Life Safety and Egress

During any time the building is occupied, all code requirements for life safety and building egress/evacuation must be maintained.

1.2.3 Security

The existing buildings and their contents must be kept secure at all times. Contractor will provide and install temporary closures as required to maintain physical security of the building and contents as directed by the Contracting Officer.

1.2.4 Noise

The Contractor shall be aware of and recognize the fact that he is working in occupied building facilities and should apply conscientious effort to minimize noise in areas where it could be detrimental to building operations (e.g. adjacent to occupied classrooms). If it is judged that normal contractor operations would create noise of a level that would be detrimental to these operations, that portion of the work should be performed outside the hours of building occupancy.

1.2.5 Dust Covers

Contractor shall provide temporary dust covers or protective enclosures to protect any furnishings, equipment or materials that are not required to be relocated during construction in any area. Covers or enclosures shall also be provided to protect existing construction that is to remain.

1.2.6 Furnishings and Equipment

In areas where furniture or equipment relocation that will not be performed by the user is required to perform the required work, Contractor shall relocate movable items away from the working area, protect the furniture or equipment, or replace items damaged. The areas that users will facilitate furniture relocation are identified elsewhere in these specifications. Items shall be relocated to their original position following the completion of the work. Leave attached

items in place and protect them from damage, or temporarily disconnect, relocate, protect and reinstall them upon completion of the work. All items must be fully operational as certified by the appropriate authority upon completion of the work.

1.2.7 Conduct and Dress

Workers shall be properly attired at all times. Full length pants (no shorts), shirts (tee-shirt minimum), and proper shoes (no thongs, flip-flops or open toed sandals) are required. These criteria do not release Contractor responsibility from more stringent safety and dress criteria, however. Logos, slogans or other adornment of clothing that could be considered to be offensive to minors are prohibited. No smoking will be permitted in the buildings. Smoking will be permitted only in designated outdoor areas. The contractor shall ensure that all lunch and breaktime debris are contained and removed from the project site at the end of each break or lunch period and disposed of properly. The contractor shall confine his personnel to the area within which the work is being performed. Profanity is strictly forbidden. The utmost courtesy shall be extended to the building occupants at all times. Conversation with occupants shall be limited to and pertain to the work at hand. All privately owned vehicles shall be parked in the contractor storage and staging area. Lights shall be turned off and doors and windows shall be locked after work in buildings following regular work hours.

1.2.8 Use of Building Facilities and Equipment

No items in the facility are to be used by the Contractor 's personnel. Brooms, vacuums, cleaning supplies, telephones, restrooms, cafeteria facilities, etc. shall not be used by the Contractor's personnel.

1.2.9 Restoration of Occupied Spaces

In the event that work has been performed in occupied spaces outside of regular work hours, the Contractor shall restore the space to its prior, occupiable and usable condition prior to conclusion of the days work. The space shall be available for use without restriction or interference the following day. All tools, supplies, materials, and equipment shall either be removed from the premises, or stored in such a manner as not to interfere with the facilities normal operations, subject to prior approval of the Contracting Officer. All dust and debris shall be removed from occupied spaces prior to the conclusion of work for the day.

PART 2 PRODUCTS (Not Used)

PART 3 EXECUTION (Not Used)

-- End of Section --

SECTION 01500

[AM#1] TEMPORARY CONSTRUCTION FACILITIES

02/97

1.1 GENERAL REQUIREMENTS

1.1.1 Site Plan

The Contractor shall prepare a site plan indicating the proposed location and dimensions of any area to be fenced and used by the Contractor, the number of trailers to be used, avenues of ingress/egress to the fenced area and details of the fence installation. Any areas which may have to be graveled to prevent the tracking of mud shall also be identified. The Contractor shall also indicate if the use of a supplemental or other staging area is desired.

1.1.2 Identification of Employees

The Contractor shall be responsible for furnishing to each employee, and for requiring each employee engaged on the work to display, identification as approved and directed by the Contracting Officer. Prescribed identification shall immediately be delivered to the Contracting Officer for cancellation upon release of any employee. When required, the Contractor shall obtain and provide fingerprints of persons employed on the project. Contractor and subcontractor personnel shall wear identifying markings on hard hats clearly identifying the company for whom the employee works.

1.1.3 Employee Parking

Contractor employees shall park privately owned vehicles in an area designated by the Contracting Officer. This area will be within reasonable walking distance of the construction site. Contractor employee parking shall not interfere with existing and established parking requirements of the military installation.

1.2 AVAILABILITY AND USE OF UTILITY SERVICES

1.2.1 Payment for Utility Services

The Government will make all reasonably required utilities available to the Contractor from existing outlets and supplies, as specified in the contract. The amount of each utility service consumed shall be free to the Contractor. The Contractor shall carefully conserve any utilities furnished without charge.

1.2.2 Meters and Temporary Connections

The Contractor, at its expense and in a manner satisfactory to the Contracting Officer, shall provide and maintain necessary temporary connections and distribution lines.

1.2.5 Sanitation

The Contractor shall provide and maintain, within the construction area, minimum field-type sanitary facilities approved by the Contracting Officer.

Government toilet facilities will not be available to Contractor's personnel.

1.2.6 Telephone

The Contractor shall make arrangements and pay all costs for telephone facilities desired.

1.4 PROTECTION AND MAINTENANCE OF TRAFFIC

Measures for the protection and diversion of traffic, including the provision of watchmen and flagmen, erection of barricades, placing of lights around and in front of equipment and the work, and the erection and maintenance of adequate warning, danger, and direction signs, shall be as required by the State and local authorities having jurisdiction. The traveling public shall be protected from damage to person and property. The Contractor's traffic on roads selected for hauling material to and from the site shall interfere as little as possible with public traffic. The Contractor shall investigate the adequacy of existing roads and the allowable load limit on these roads. The Contractor shall be responsible for the repair of any damage to roads caused by construction operations.

1.4.2 Barricades

The Contractor shall erect and maintain temporary barricades to limit public access to hazardous areas. Such barricades shall be required whenever safe public access to paved areas such as roads, parking areas or sidewalks is prevented by construction activities or as otherwise necessary to ensure the safety of both pedestrian and vehicular traffic. Barricades shall be securely placed, clearly visible with adequate illumination to provide sufficient visual warning of the hazard during both day and night.

1.5 CONTRACTOR'S TEMPORARY FACILITIES

1.5.1 Administrative Field Offices

The Contractor shall provide and maintain administrative field office facilities within the construction area at the designated site. Government office and warehouse facilities will not be available to the Contractor's personnel.

1.5.2 Storage Area

The Contractor shall construct a temporary 6 foot high chain link fence around trailers and materials. Fence shall have either 1.06 inch wide fiberglass filler strips installed vertically or nylon or polyester vision netting installed on inside of fencing. Fence posts may be driven, in lieu of concrete bases, where soil conditions permit. Trailers, materials, or equipment shall not be placed or stored outside the fenced area unless such trailers, materials, or equipment are assigned a separate and distinct storage area by the Contracting Officer away from the vicinity of the construction site but within the military boundaries. Trailers, equipment, or materials shall not be open to public view with the exception of those items which are in support of ongoing work on any given day. Materials shall not be stockpiled outside the fence in preparation for the next day's work. Mobile equipment, such as tractors, wheeled lifting equipment, cranes, trucks, and like equipment, shall be parked within the fenced area at the end of each work day.

1.5.4 Appearance of Trailers

Trailers utilized by the Contractor for administrative or material storage purposes shall present a clean and neat exterior appearance and shall be in a state of good repair. Trailers which, in the opinion of the Contracting Officer, require exterior painting or maintenance will not be allowed on the military property.

1.5.5 Maintenance of Storage Area

Fencing shall be kept in a state of good repair and proper alignment. Should the Contractor elect to traverse, with construction equipment or other vehicles, grassed or unpaved areas which are not established roadways, such areas shall be covered with a layer of gravel as necessary to prevent rutting and the tracking of mud onto paved or established roadways; gravel gradation shall be at the Contractor's discretion. Grass located within the boundaries of the construction site shall be mowed for the duration of the project. Grass and vegetation along fences, buildings, under trailers, and in areas not accessible to mowers shall be edged or trimmed neatly.

2.5.7 Trailer-Type Mobile Office

The Contractor may, at its option, furnish and maintain a trailer-type mobile office acceptable to the Contracting Officer and providing as a minimum the facilities specified above. The trailer shall be securely anchored to the ground at all four corners to guard against movement during high winds.

1.5.7 Security Provisions

Adequate outside security lighting shall be provided at the Contractor's temporary facilities. The Contractor shall be responsible for the security of its own equipment; in addition, the Contractor shall notify the appropriate law enforcement agency requesting periodic security checks of the temporary project field office.

1.7 PLANT COMMUNICATION

Whenever the Contractor has the individual elements of its plant so located that operation by normal voice between these elements is not satisfactory, the Contractor shall install a satisfactory means of communication, such as telephone or other suitable devices. The devices shall be made available for use by Government personnel.

1.8 TEMPORARY PROJECT SAFETY FENCING

As soon as practicable, but not later than 15 days after the date established for commencement of work, the Contractor shall furnish and erect temporary project safety fencing at the work site. The safety fencing shall be a high visibility orange colored, high density polyethylene grid or approved equal, a minimum of 42 inches high, supported and tightly secured to steel posts located on maximum 10 foot centers, constructed at the approved location. The safety fencing shall be maintained by the Contractor during the life of the contract and, upon completion and acceptance of the work, shall become the property of the Contractor and shall be removed from the work site.

1.9 TEMPORARY PARTITIONS

Prior to the start of any demolition or construction activities, the Contractor shall construct temporary partitions to separate demolition and construction activity areas from areas of the building to be occupied by the user during these activities. The partitions shall be air tight, shall prevent the passage of dust and shall be filled with sound insulation between framing members. Framing members shall be wood or metal studs, minimum 3-1/2 inches thick and shall be spaced at a maximum of 24 inches on center. The side of the partition facing the user occupied area shall be covered with a minimum of 3/8 inch thick plywood, oriented strand board or 1/2 inch thick gypsum wall board. Temporary partitions shall not be removed until approved by the Contracting Officer.

1.9 CLEANUP

Construction debris, waste materials, packaging material and the like shall be removed from the work site daily. Any dirt or mud which is tracked onto paved or surfaced roadways shall be cleaned away. Materials resulting from demolition activities which are salvageable shall be stored within the fenced area described above or at the supplemental storage area. Stored material not in trailers, whether new or salvaged, shall be neatly stacked when stored.

1.10 RESTORATION OF STORAGE AREA

Upon completion of the project and after removal of trailers, materials, and equipment from within the fenced area, the fence shall be removed and will become the property of the Contractor. Areas used by the Contractor for the storage of equipment or material, or other use, shall be restored to the original or better condition. Gravel used to traverse grassed areas shall be removed and the area restored to its original condition, including top soil and sodding as necessary.

PART 2 PRODUCTS

Not Applicable

PART 3 EXECUTION

Not Applicable

-- End of Section --

SECTION 01580

[AM#1] BULLETIN BOARD AND PROJECT SIGN

PART 1 - GENERAL

1.1 SUMMARY

This section covers a project bulletin board, and a project sign, complete.

1.2 REFERENCES

The specifications listed below forms a part of this specification to the extent referenced. The publication is referred to in the text by the basic designation only.

FEDERAL STANDARD (FED-STD or FSN)

AAMA 603.8	(1992) Voluntary Performance Requirements and Test Procedures for Pigmented Organic Coatings on Extruded Aluminum
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1.3 PAYMENT

No separate payment will be made for the work covered under this section of the specifications and all costs in connection therewith will be considered as a subsidiary obligation of the Contractor, covered by the contract prices in this contract.

PART 2 PRODUCTS

2.1 BULLETIN BOARD

Immediately upon beginning of work under this contract, the Contractor shall provide a weatherproof glass-covered bulletin board not less than 36 by 48 inches in size, for displaying the Equal Employment Opportunity Poster, a copy of the wage decision contained in the contract, Wage Rate Information Poster, and other information approved by the Contracting Officer. The bulletin board shall be located at the site of work in a conspicuous place easily accessible to all employees as approved by the Contracting Officer. Legible copies of the aforementioned data shall be displayed until work under the contract is complete. Upon completion of work under this contract the bulletin board shall be removed by and remain the property of the Contractor.

2.2 PROJECT SIGN

The Contractor shall furnish, erect, and maintain a project sign in the location as hereinbefore specified. Details of construction shall be as shown on the drawings attached at the end of this section. The sign shall be constructed of 1/2-inch thick Grade A-C sheet of exterior-type plywood.

The sign shall receive one coat primer paint, followed by two coats gloss exterior type enamel in a color selected by the Contracting Officer. Lettering shall be as shown on the attached drawings and shall be white gloss, exterior type enamel. Upon completion of work under this contract, the project sign shall be removed from the job site and shall remain the

property of the Contractor.

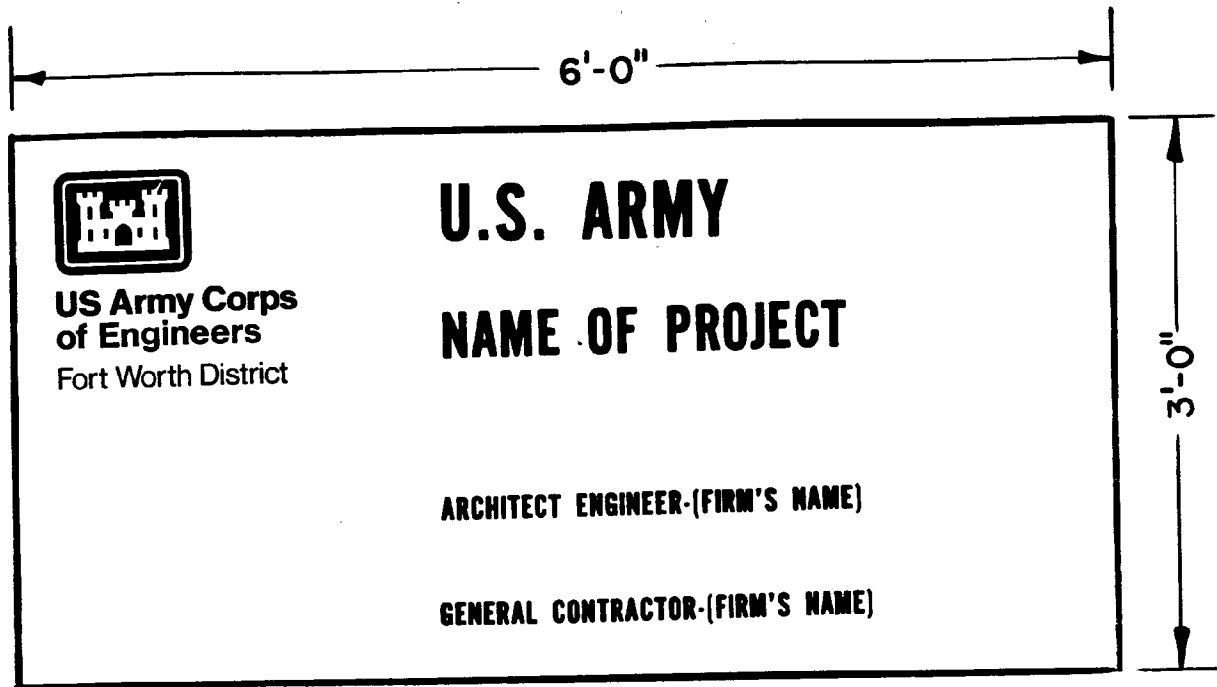
PART 3 EXECUTION

3.1 GENERAL

Immediately upon beginning of work under this contract, the Contractor shall accomplish the work covered under this section of the specifications.

Location of the bulletin board and the project sign shall be as determined by the Contracting Officer.

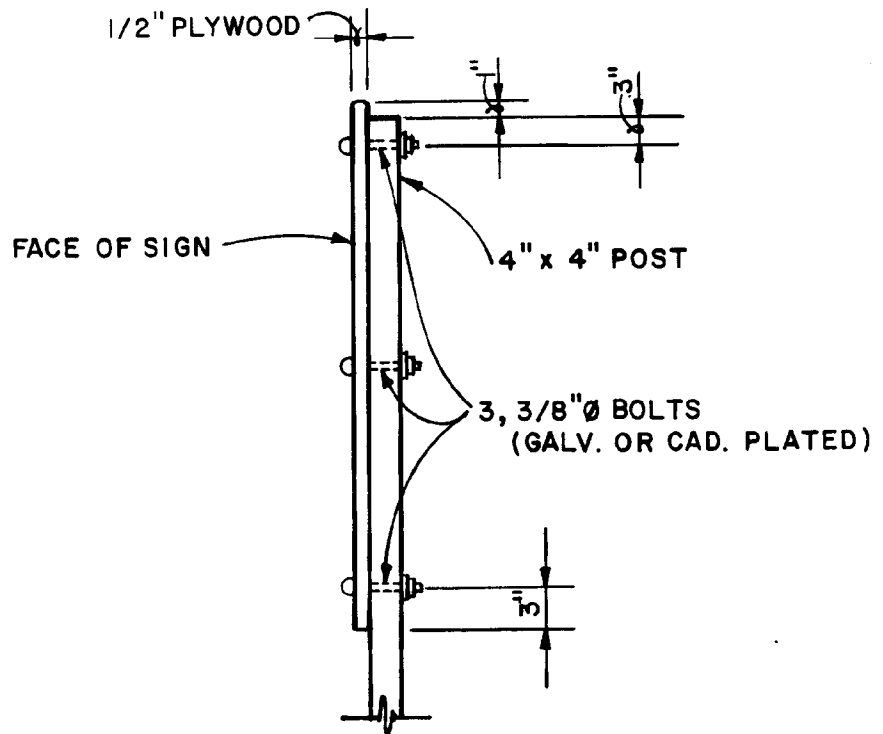
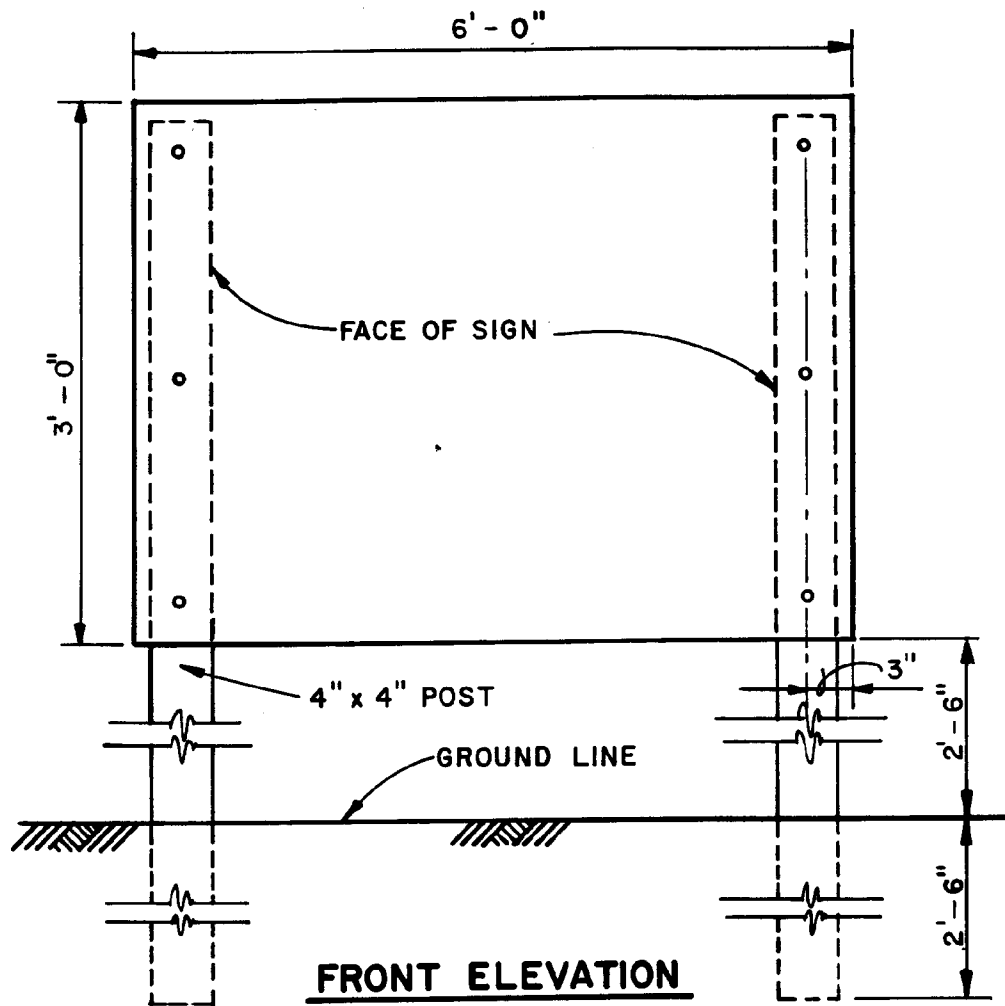
-- End of Section --



SCHEDULE

LINE	DESCRIPTION	LETTER HEIGHT	STROKE
1	U.S. ARMY	4"	3/4"
2	NAME OF PROJECT	3"	1/2"
3	U.S. ARMY CORPS OF ENGINEERS	1 3/4"	3/8"
4	FORT WORTH DISTRICT	1 1/2"	5/16"
5	CORPS OF ENGINEERS CASTLE (4" x 6")		
6	ARCHITECT ENGINEER-(FIRM'S NAME)	1 1/2"	1/4"
7	GENERAL CONTRACTOR-(FIRM'S NAME)	1 1/2"	1/4"

PROJECT SIGN LAYOUT



PROJECT SIGN DETAILS

N.T.S.

SECTION 02050

[AM#1] DEMOLITION
09/91

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

ENGINEERING MANUALS (EM)

EM 385-1-1 (1992) U.S. Army Corps of Engineers Safety and Health Requirements Manual

1.2 GENERAL REQUIREMENTS

The work includes demolition, salvage of identified items and materials, and removal of resulting rubbish and debris. Rubbish and debris shall be removed from Government property daily, unless otherwise directed, to avoid accumulation at the demolition site. Materials that cannot be removed daily shall be stored in areas specified by the Contracting Officer. In the interest of occupational safety and health, the work shall be performed in accordance with EM 385-1-1, Section 23, Demolition, and other applicable Sections. In the interest of conservation, salvage shall be pursued to the maximum extent possible; salvaged items and materials shall be disposed of as specified.

1.3 SUBMITTALS

Government approval is required for submittals with a "GA" designation; submittals having an "FIO" designation are for information only. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-08 Statements

Work Plan; GA.

The procedures proposed for the accomplishment of the work. The procedures shall provide for safe conduct of the work, including procedures and methods to provide necessary supports, lateral bracing and shoring when required, careful removal and disposition of materials specified to be salvaged, protection of property which is to remain undisturbed, coordination with other work in progress, and timely disconnection of utility services. The procedures shall include a detailed description of the methods and equipment to be used for each operation, and the sequence of operations in accordance with EM 385-1-1.

1.4 DUST CONTROL

The amount of dust resulting from demolition shall be controlled to prevent the spread of dust to occupied portions of the construction site and to avoid creation of a nuisance in the surrounding area. Use of water will

not be permitted when it will result in, or create, hazardous or objectionable conditions such as ice, flooding and pollution.

1.5 PROTECTION

1.5.1 Protection of Personnel

During the demolition work the Contractor shall continuously evaluate the condition of the structure being demolished and take immediate action to protect all personnel working in and around the demolition site. No area, section, or component of floors, roofs, walls, columns, pilasters, or other structural element will be allowed to be left standing without sufficient bracing, shoring, or lateral support to prevent collapse or failure while workmen remove debris or perform other work in the immediate area.

Floors, roofs, walls, columns, pilasters, and other structural components that are designed and constructed to stand without lateral support or shoring, and are determined to be in stable condition, may be allowed to remain standing without additional bracing, shoring, or lateral support until demolished. The Contractor shall ensure that no elements determined to be unstable are left unsupported and shall be responsible for placing and securing bracing, shoring, or lateral supports as may be required as a result of any cutting, removal, or demolition work performed under this contract.

1.5.2 Protection of Existing Property

Before beginning any demolition work, the Contractor shall survey the site and examine the drawings and specifications to determine the extent of the work. The Contractor shall take necessary precautions to avoid damage to existing items to remain in place, to be reused, or to remain the property of the Government; any damaged items shall be repaired or replaced as approved by the Contracting Officer. The Contractor shall coordinate the work of this section with all other work and shall construct and maintain shoring, bracing, and supports as required. The Contractor shall ensure that structural elements are not overloaded and shall be responsible for increasing structural supports or adding new supports as may be required as a result of any cutting, removal, or demolition work performed under this contract.

1.5.3 Protection From the Weather

The interior of buildings to remain and salvageable materials and equipment shall be protected from the weather at all times.

1.5.4 Protection of Trees

Trees within the project site which might be damaged during demolition and which are indicated to be left in place shall be protected by a 6 foot high fence. The fence shall be securely erected a minimum of 5 feet from the trunk of individual trees or follow the outer perimeter of branches or clumps of trees. Any tree that is damaged during the work under this contract shall be replaced in kind or as approved by the Contracting Officer.

1.6 BURNING

The use of burning at the project site for the disposal of refuse and debris will not be permitted.

1.7 USE OF EXPLOSIVES

Use of explosives will not be permitted.

1.9 AVAILABILITY OF WORK AREAS

Areas in which the work is to be accomplished will be available in accordance with the following schedule:

This phasing plan is written to accommodate the construction with as little disruption to the school operations, classes and students as possible. All of the work can be performed during the school year with some of the work required to be performed during weekends, evenings, holidays or with special arrangements with the User. The Contractor shall plan and schedule his work forces as necessary to meet this schedule. All materials and equipment, required by this contract, shall be fabricated and or delivered to meet the schedule. Weekends, evenings, holidays and spring break will be available to the Contractor to work, subject to adequate advance planning and scheduling being provided. All occupied (classrooms, offices, etc.) spaces disturbed during this time shall be returned to their original condition prior to the beginning of the next days use. No work can be performed inside the classrooms during regular school hours of 0700 to 1500 daily, unless specific arrangements are approved by the Contracting Officer. No cutting or drilling shall be performed during regular school hours. The User will not move furniture. Therefore, the Contractor shall anticipate working around some furniture.

Any specified construction duration time remaining after 15 August 1999 shall be used for correction deficiencies from the final inspection completing close-out submittals and final clean-up.

Sequence of Work:

- a. Work shall start at Irwin School. All work at Irwin shall be completed prior to starting work at any of the other schools.
- b. After completion of work at Irwin School, and approval of the Contracting Officer, the Contractor shall proceed with the other schools on a school by school basis.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION

3.2 UTILITIES

When utility lines are encountered that are not indicated on the drawings, the Contracting Officer shall be notified prior to further work in that area.

3.4 DISPOSITION OF MATERIAL

Title to material and equipment to be demolished, except Government salvage and historical items, is vested in the Contractor upon receipt of notice to proceed. The Government will not be responsible for the condition, loss or damage to such property after notice to proceed.

3.4.1 Salvageable Items and Material

Contractor shall salvage items and material to the maximum extent possible.

3.4.1.1 Material Salvaged for the Contractor

Material salvaged for the Contractor shall be stored as approved by the Contracting Officer and shall be removed from Government property before completion of the contract. Material salvaged for the Contractor shall not be sold on the site.

3.4.1.2 Items Salvaged for the Government

Salvaged items to remain the property of the Government shall be removed in a manner to prevent damage, and packed or crated to protect the items from damage while in storage or during shipment. Items damaged during removal or storage shall be repaired or replaced to match existing items. Containers shall be properly identified as to contents.

3.5 CLEAN UP

Clean up shall be performed daily. Debris and rubbish shall be removed from basement and similar excavations. Debris shall be removed and transported in a manner that prevents spillage on streets or adjacent areas. Local regulations regarding hauling and disposal shall apply.

-- End of Section --